

```

1
2 from a0_items import *
3
4 import sys
5 sys.path.append('../plg_TFM/')
6
7
8
9 def str_to_lowercase (string):
10
11     lower_str = string.lower()
12
13     return lower_str
14
15 #print (str_to_lowercase (string='ABC_HELLO'))
16
17
18
19 def LIST_2_letter_str ():
20
21     LIST_letter = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm', 'n',
22                    'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y', 'z']
23
24     LIST_first_2_letters = []
25
26     for x in LIST_letter:
27
28         for y in LIST_letter:
29
30             z = x+y
31             #print (z)
32
33             LIST_first_2_letters.append(z)
34
35     return LIST_first_2_letters
36
37 #print (len(LIST_2_letter_str ()))
38 #print (LIST_2_letter_str ())
39
40 '''
41 for num in range (100):
42
43     for letter_group in LIST_2_letter_str ():
44
45         print ('sq_' + letter_group + '_' + str(num))
46 '''
47
48 def check_str_index (string, start_index, end_index):
49
50     first_N_chars = string [start_index:end_index]
51
52     return first_N_chars
53
54
55 #print(check_str_index (string='shane fang', start_index=0, end_index=2))
56
57
58
59 #https://stackoverflow.com/questions/20988835/how-to-get-the-first-2-letters-of-a-string-
#in-python#:~:text=It%20is%20as%20simple%20as,do%20it%2C%20if%20you%20need.&text=In%20gene
#ral%2C%20you%20can%20get,string%5B0%3A2%5D%20.
60 def get_first_N_char (string, char_num):
61
62     result = string[:char_num]
63     print (result)
64

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```
65     return result
66
67
68 #get_first_N_char (string='apple orange', char_num=2)
69
```